

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. - 20. (Previously Canceled)

21. - 42. (Previously Withdrawn)

43. - 55. (Canceled)

56. (New) A surgical system, comprising:

a plurality of handpieces, each of which comprises a respective treating part usable for treating a patient and a respective first receiving connector for receiving therethrough, a driving signal of the respective handpiece;

a main unit including a drive unit that generates the driving signals which the handpieces receive and a first handpiece connector to which each of the first receiving connectors can be detachably connected to receive the driving signals generated by the drive unit;

a drive signal supplying cable including a second receiving connector at one end thereof and a supply connector at the other end thereof, the second receiving connector being detachably connected to the first handpiece connector of the main unit; and

a connector expansion unit including a third receiving connector, to which the supply connector of the drive signal supplying cable is connected, to receive the drive signal generated by the drive unit of the main unit, and second handpiece connectors, to which the first receiving connectors of the handpieces are connected respectively, thereby enabling supplying the drive signals supplied from the main unit to the handpieces respectively, without having to individually connect the handpieces to the main unit.

57. (New) The surgical system according to claim 56, further comprising:
handswitches provided on the handpieces for operating them respectively, and

the connector expansion unit including a switching unit that enables switching of the driving signal among the handpieces in response to the activation of a selected one of the handswitches.

58. (New) The surgical system according to claim 57, wherein the connector expansion unit further comprises:

the selection switches for operating the handpieces respectively, the selection switches being provided so as to correspond to the handpieces respectively; and

the switching unit being responsive to the selection switches; and being effective to supply the driving signal to that second handpiece connector which corresponds to the handpiece selected by the selection switches.

59. (New) The surgical system according to claim 57, further comprising:
an input device which sets operating parameters for controlling treating operation conditions associated with the handpieces being driven.

60. (New) The surgical system according to claim 59, further comprising:
a control means for maintaining information regarding types of the handpieces connected to the second handpiece connectors and respective operating parameters of the handpieces set by the input device, to control the treating operation conditions based on operating parameters corresponding to an actuated one of the handpieces.

61. (New) The surgical system according to claim 59,
wherein the input device includes an interface provided in the main unit.

62. (New) The surgical device according to claim 56, wherein the connector expansion unit further comprises:

the selection switches for operating the handpieces respectively, the selection switches being provided so as to correspond to the handpieces respectively; and

the switching unit being responsive to the selection switches; and being effective to supply the driving signal to that second handpiece connector which corresponds to the handpiece selected by the selection switches.

63. (New) The surgical system according to claim 56, further comprising:
an input device which sets operating parameters for controlling treating operation conditions associated with the handpieces being driven.

64. (New) The surgical system according to claim 56, further including:
a hand-held perfusion/suction surgical device;
a first auxiliary perfusion unit which supplies a fluid to the perfusion/suction surgical device through a fluid supply tube;
a second auxiliary suction unit which removes waste matter from a site at which treatment is being performed by the perfusion/suction surgical device through a suction tube; and
a perfusion/suction control unit that operates the perfusion/suction surgical device in use.

65. (New) The surgical system according to claim 64, wherein:
the first auxiliary unit includes a perfusion pump and a first controller for the perfusion pump, the first controller being operative in response to signals from the perfusion/suction control unit;
the second auxiliary unit includes a suction pump and a second controller for the suction pump, the second controller being operative in response to signals from the perfusion/suction control unit; and further including:
a perfusion/suction input device connected to the perfusion/suction control unit, the perfusion/suction input device being operative to provide operating parameter settings for the perfusion and suction pumps.

66. (New) The surgical system according to claim 65, wherein the operating parameter settings for the perfusion and suction pumps include a fluid output level for the perfusion pump and a suction pressure for the suction pump.

67. (New) The surgical system according to claim 66, wherein the perfusion/suction input device includes an interface for receiving manually entered parameter settings.

68. (New) The surgical system according to claim 65, further including:
a perfusion/suction coupling unit that couples the fluid supply tube and the suction tube to the perfusion/suction surgical device,

wherein the perfusion/suction surgical device further includes an ultrasonic transducer therein; and the first receiving connectors further provide a signal path from the second handpiece connectors to the perfusion/suction surgical device.